

31 May 2023

Presentation will
begin at 7:10 p.m.



EAST SILVER SPRING NEIGHBORHOOD GREENWAY



Matt Johnson, AICP



Welcome!

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Welcome to this hybrid community meeting!

- Please note **this meeting is being recorded.**
- If you have joined via Zoom, you can submit questions or comments using the Q&A feature.
- You will NOT be able to unmute yourself.
- To reduce bandwidth, please do not turn your camera on.
- If you are experiencing technical issues, please message one of the co-hosts using the chat feature.

- For those of you here in person, we will have a question and comment period following the presentation. Please hold questions until then.



Contact

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Project Manager

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Agenda

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- 7:00: Open House
- **7:10: Presentation**
- 7:30: Questions & Comment
- 7:50: Open House
- 8:30: Adjourn





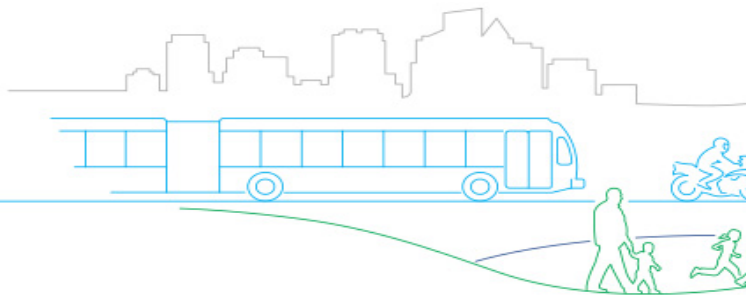
Meeting Goals

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- This meeting is intended to introduce you to the **East Silver Spring Neighborhood Greenway**.
- We also want to get **your feedback** about the potential treatments along the corridor.
- We will also discuss options for making the Grove Street pilot **permanent** including the dedicated walking space.

Section 1: Project Background

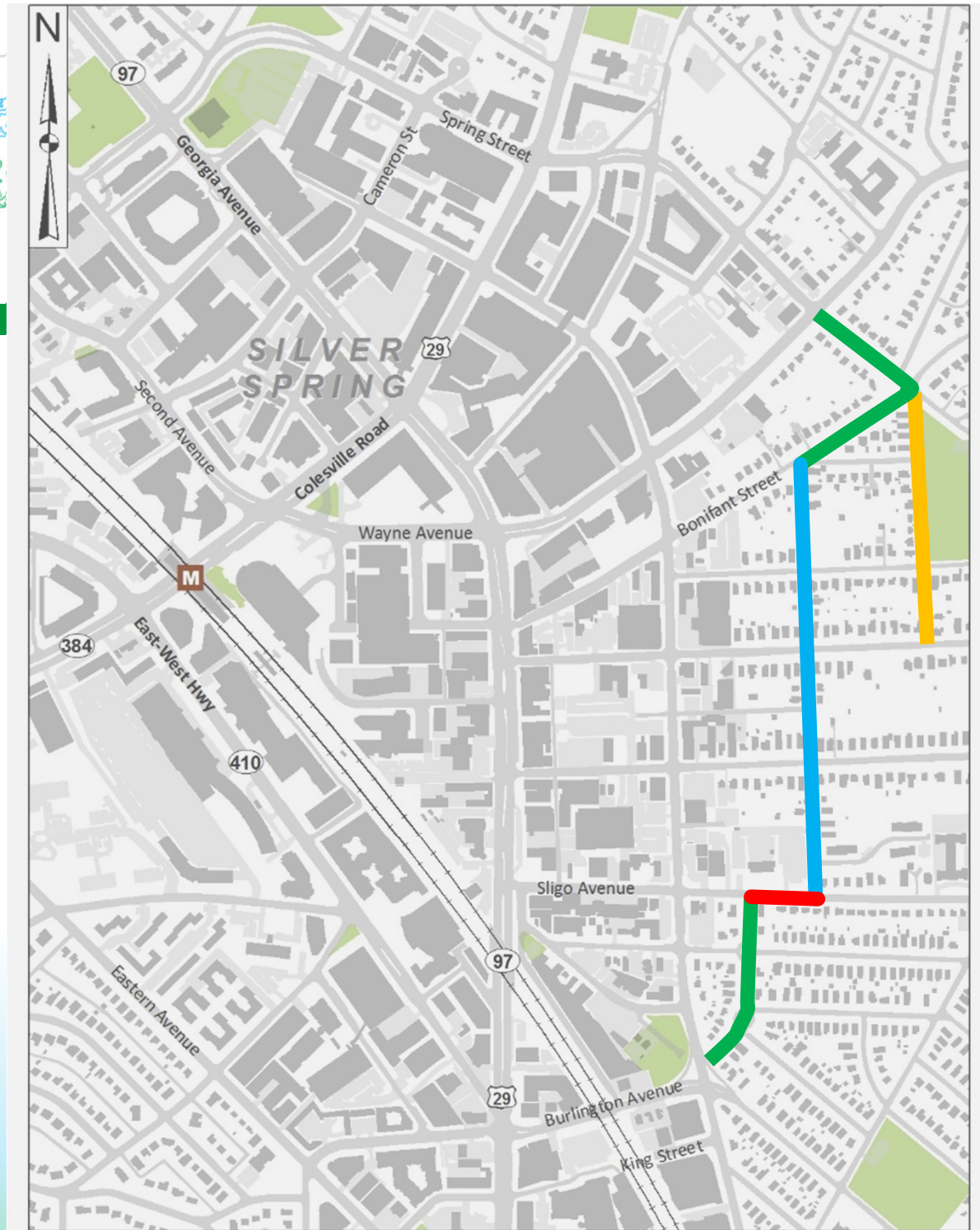


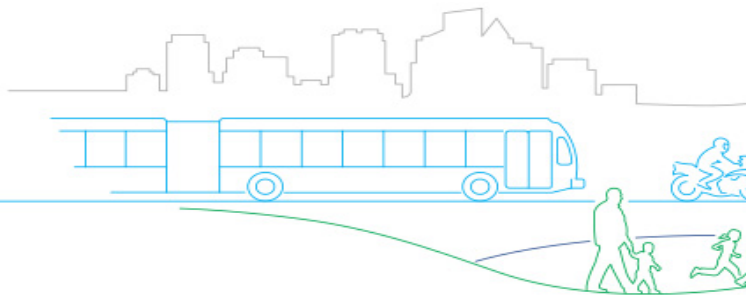


Project Area

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- **Grove Street** pilot (make permanent)
- Greenway extension on **Woodbury**, **Bonifant**, and **Cedar**
- Shared-use path on **Sligo**
- Greenway / pedestrian treatment on **Houston**

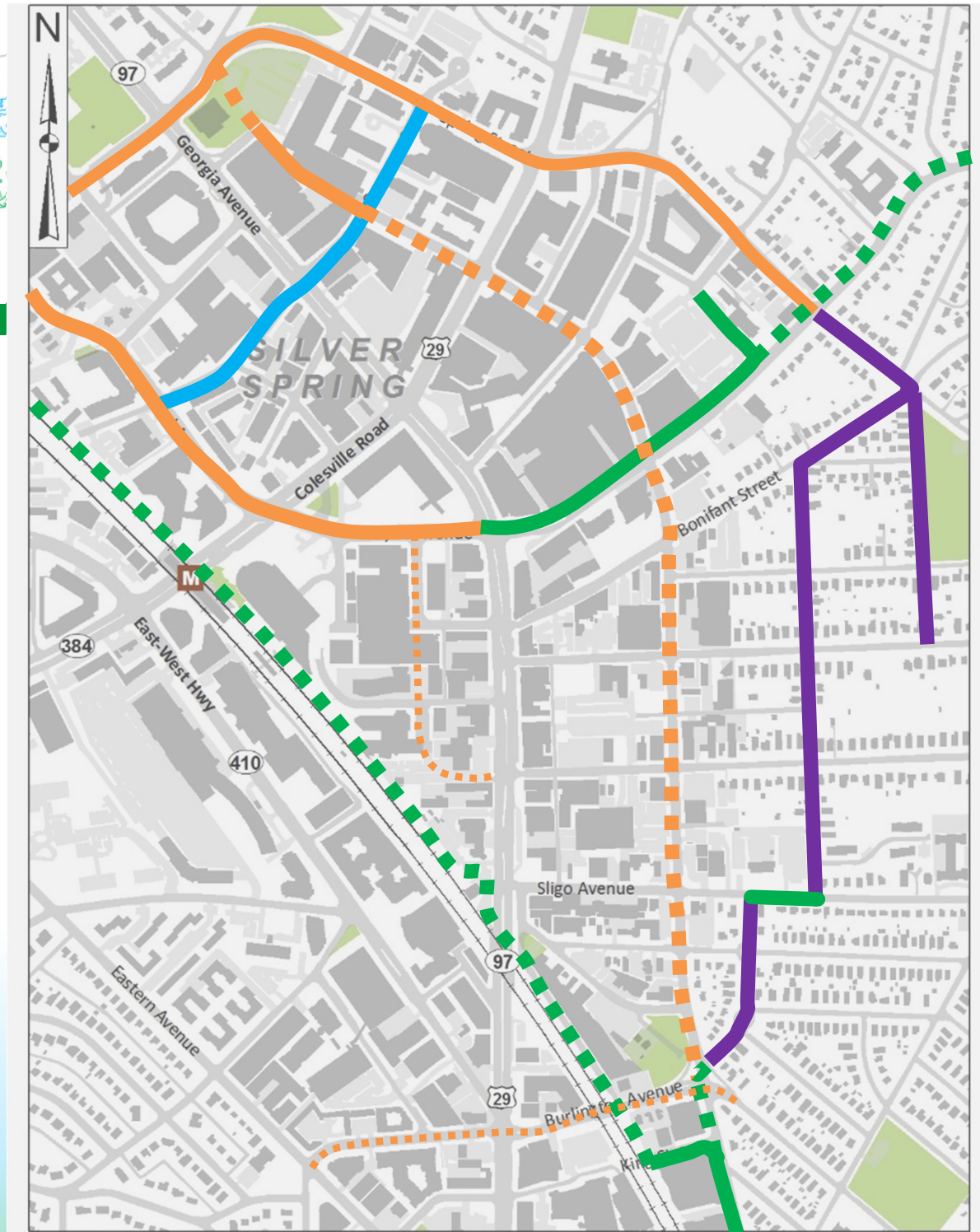




Growing Network

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- Within Silver Spring, there is a growing network:
 - Completed facilities
 - Under construction
 - Construction soon
 - In design





What is a Neighborhood Greenway?

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- A **neighborhood greenway** is a street designed to give **walking** and **biking** *priority* and to reduce vehicle **speed** and **volume**.
- Tools to create a neighborhood greenway include signs, pavement markings, speed countermeasures, and volume management measures to discourage **cut-through trips** by vehicles and to create safe, convenient crossings of arterial streets for bicyclists and pedestrians.





What is a Neighborhood Greenway?

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Speed treatments



Speed Cushion*



Neighborhood Traffic Circle



Chicane*

Diversionsary treatments



Partial Closure*



Full Closure*

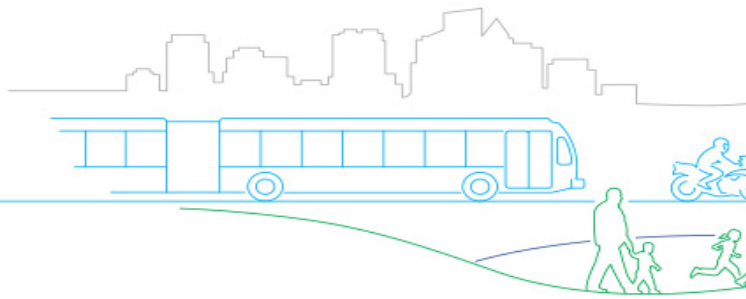


Right-In/Right-Out*



Section 2: Project Overview

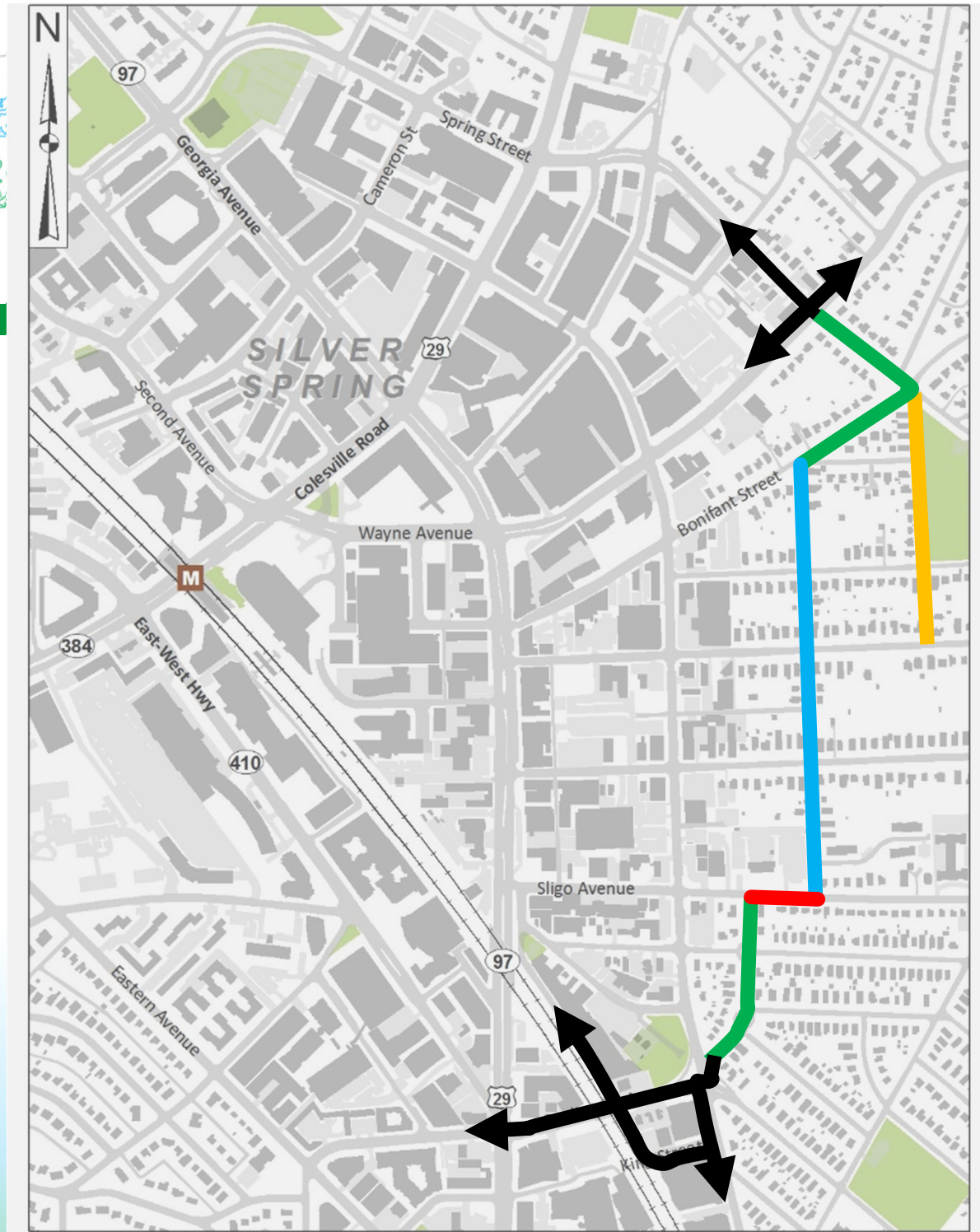




Project Area

12

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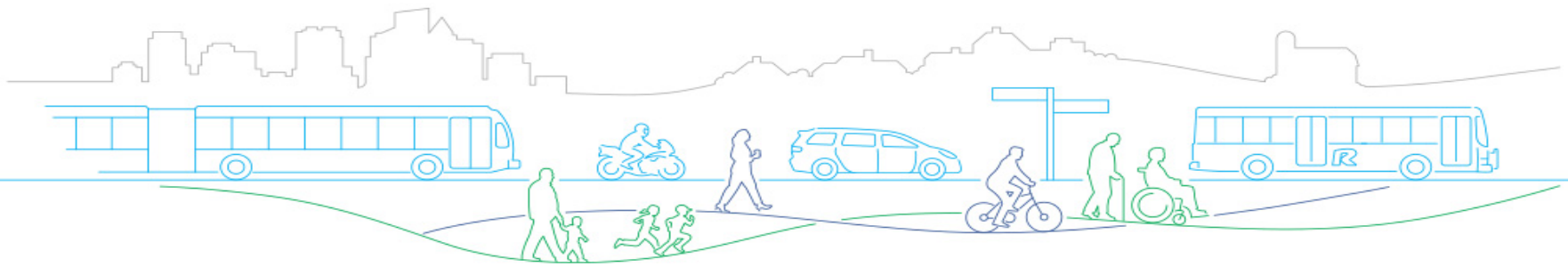


These are very conceptual plans

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- At this time, we don't have lots of concrete proposals, because we want to hear from **you**.
- You will see conceptual locations for treatments, but these are not carved in stone.
- We will come back to the community later this year with recommendations based on your feedback that are more concrete.





Woodbury Drive

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- Connection to Metropolitan Branch Trail & 13th Street/Burlington Ave Bikeways at south end.
- Minimal treatments proposed – primarily wayfinding





Woodbury Drive

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- Potential circle treatment at Woodbury & Violet & Richmond, similar to circle at Woodbury & Gist.

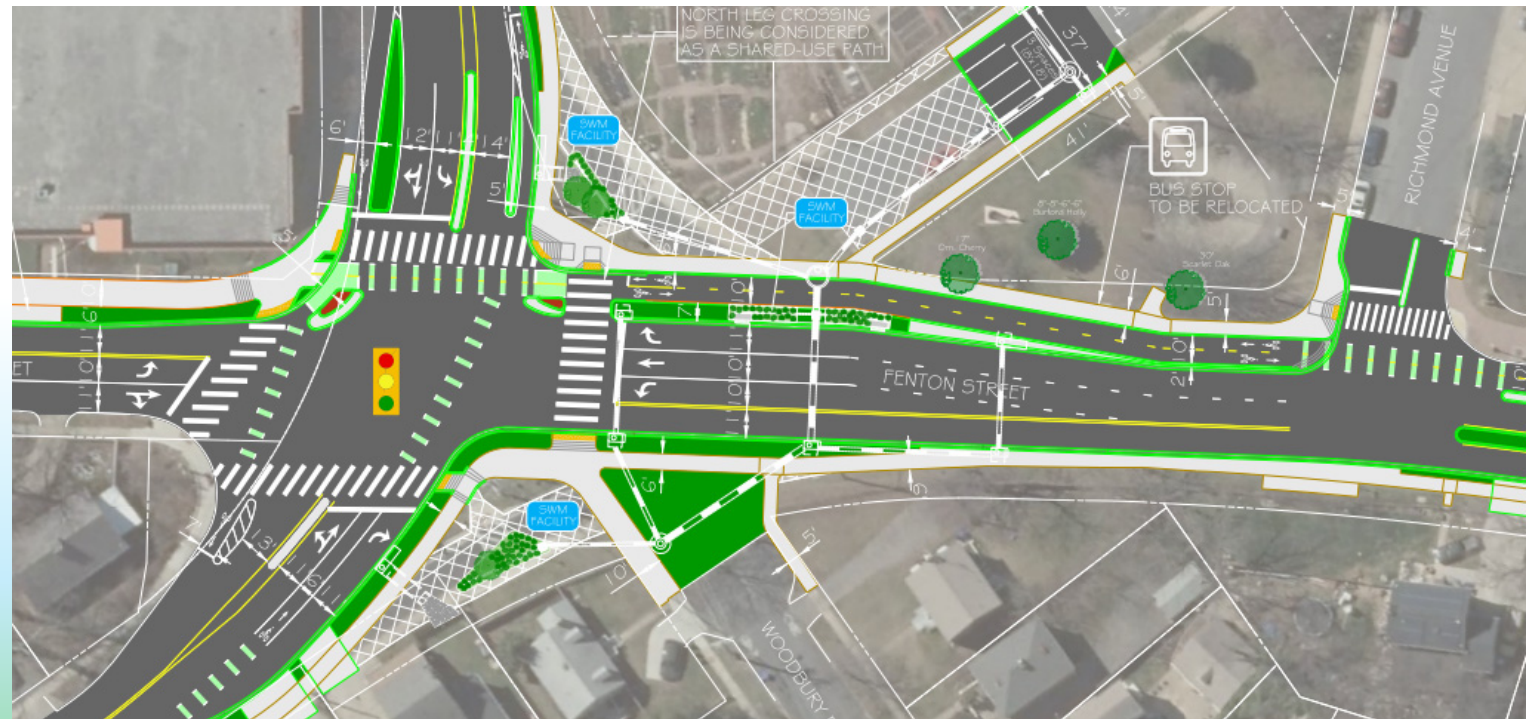




Woodbury Drive

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- Connection between Fenton/410 will be improved for bicyclists and pedestrians as part of separate project.



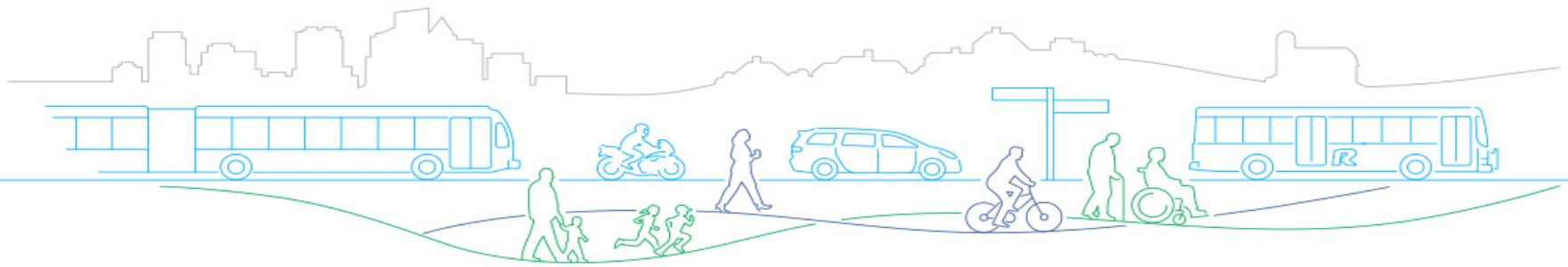


Sligo Avenue

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- No marked crossing at Woodbury & Sligo today
- Stressful crossing, and Sligo would be stressful to ride



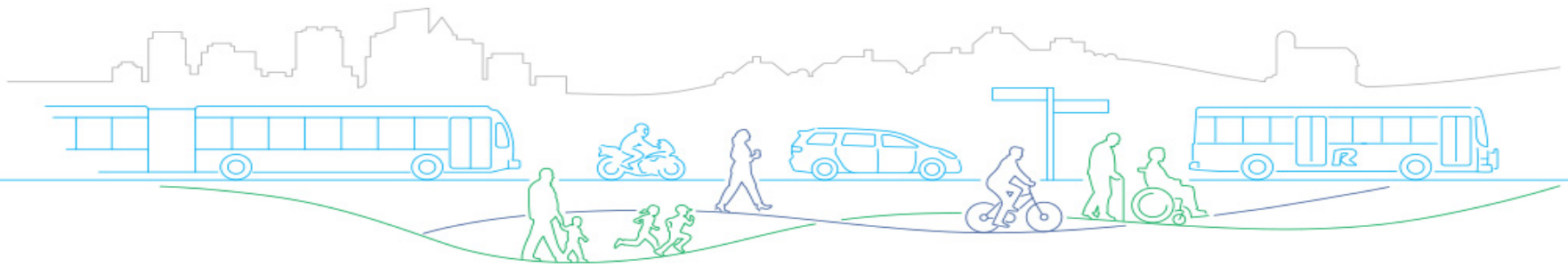


Sligo Avenue

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- Proposed signalized (type TBD) at Woodbury
- Shared-use path along ArtSpace frontage
- Connects Woodbury to Grove

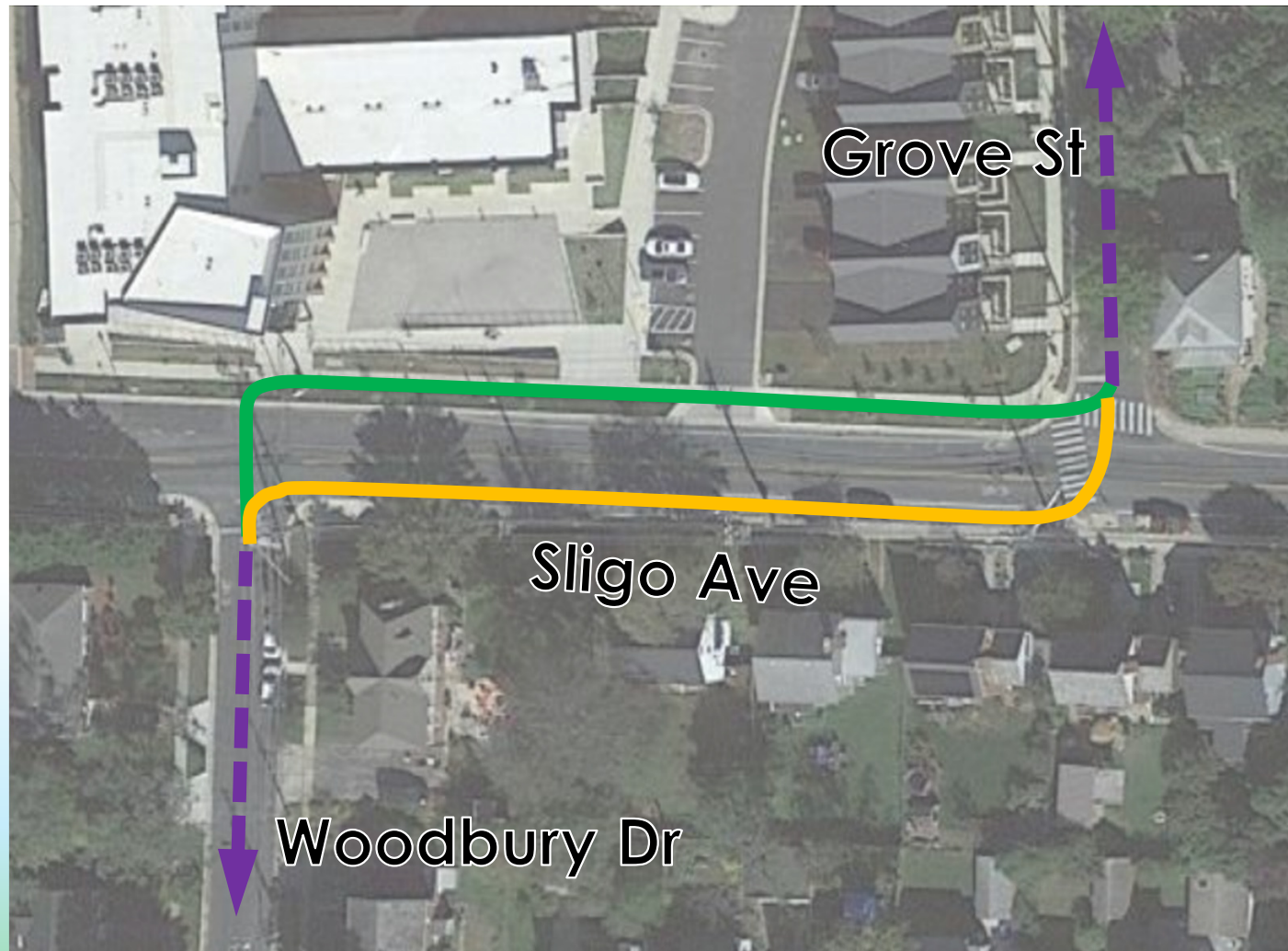




Sligo Avenue

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- **North** side option has crossing at Woodbury
- **South** side option has crossing at Grove, would require parking loss





Grove Street

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- Existing traffic calming treatments can be made permanent.





Grove Street

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- The mini-roundabout will be removed





Grove Street

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- The walking lane can be converted to a sidewalk
- To create additional space for fire dept. access, the concept is to raise the walking lane, but shift it back by expanding it 1.5' to 2' behind the current curb





Grove Street

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- Grove Street today





Grove Street

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- Grove Street rendering with sidewalk





Bonifant Street

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- Treatments include permanent bump-outs, speed humps, sharrows, and signage





Bonifant Street

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- Potential location for a permanent bump-out (curb extension)





Cedar Street

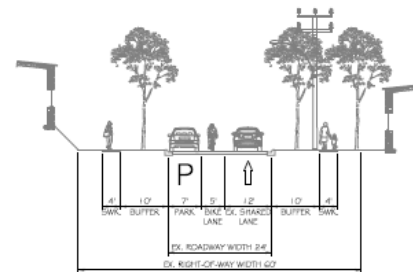
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- MCDOT will consider flipping parking so that the bike lane is not between opposite direction traffic and parking.

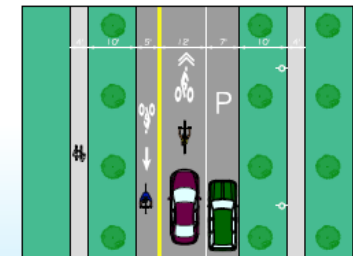
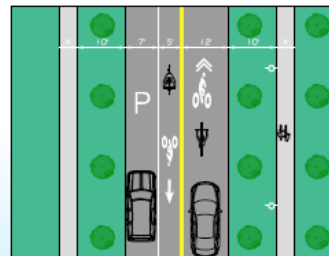
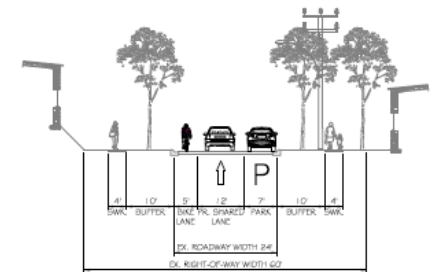


Above: existing condition on Cedar St

EXISTING
CEDAR STREET
MID-BLOCK



POTENTIAL
CEDAR STREET
MID-BLOCK





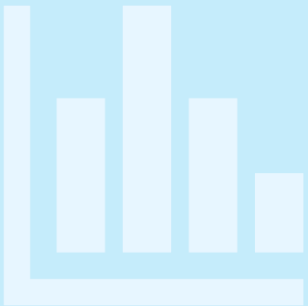
Houston Street

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- Based on traffic observations during the Grove Street Pilot, traffic did increase on Houston Street
- MCDOT will consider a walking lane or sidewalk to mitigate the impacts of greater traffic
- We will also consider traffic calming treatments



Section 3: Survey Results & Traffic Data





What we heard from you

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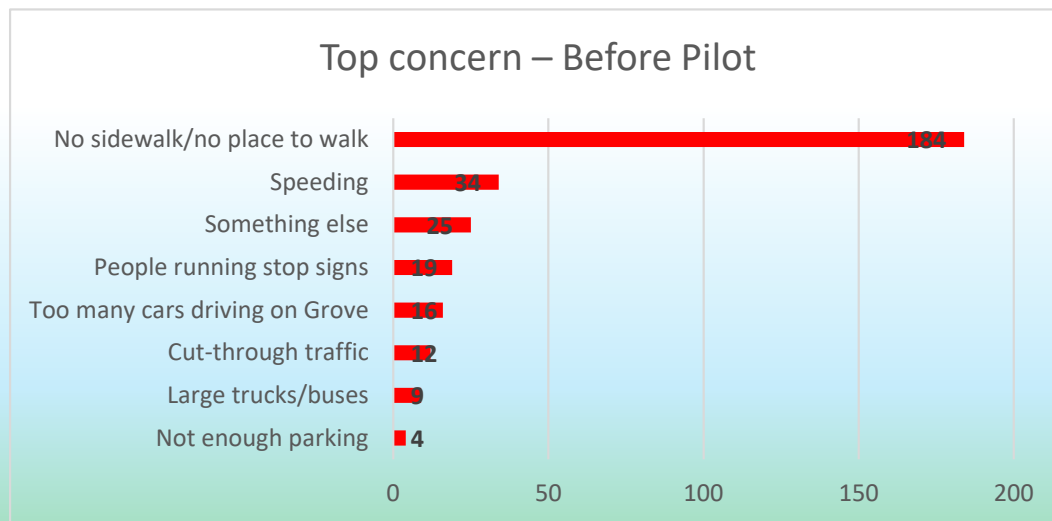
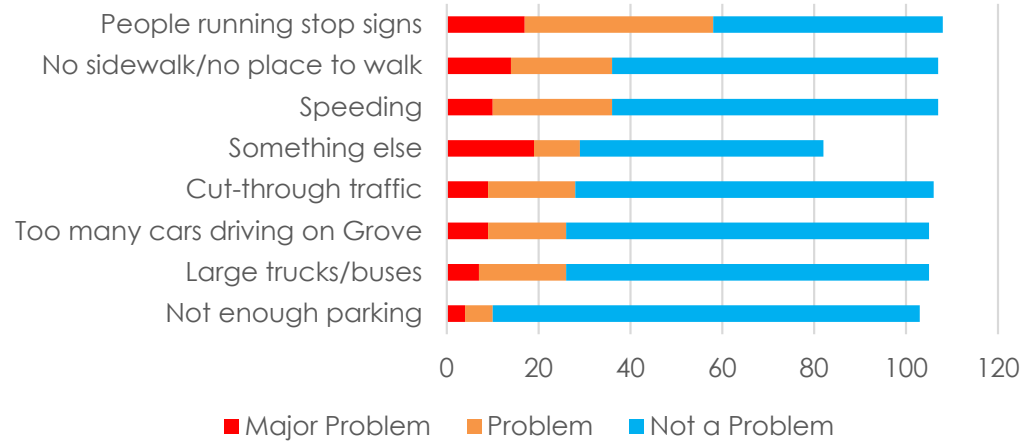
- In preparation for last year's meeting, we conducted an online survey to gauge your preferences.
- Here's what we heard from you.





Survey Results – What concerns you?

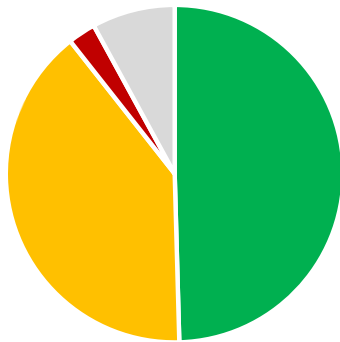
Concerns about Grove Street - Stage 1





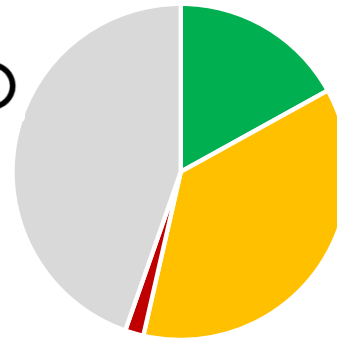
Survey Results – Changing use of Grove Street during Stage 1?

Walk on Grove



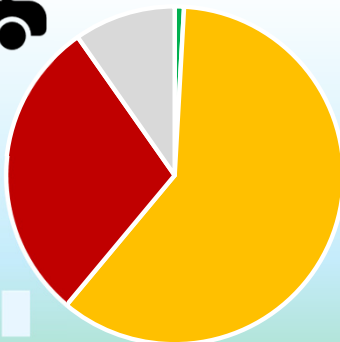
- More
- About the same
- Less than before
- N/A

Bike on Grove



- More
- About the same
- Less than before
- N/A

Drive on Grove



- More
- About the same
- Less than before
- N/A

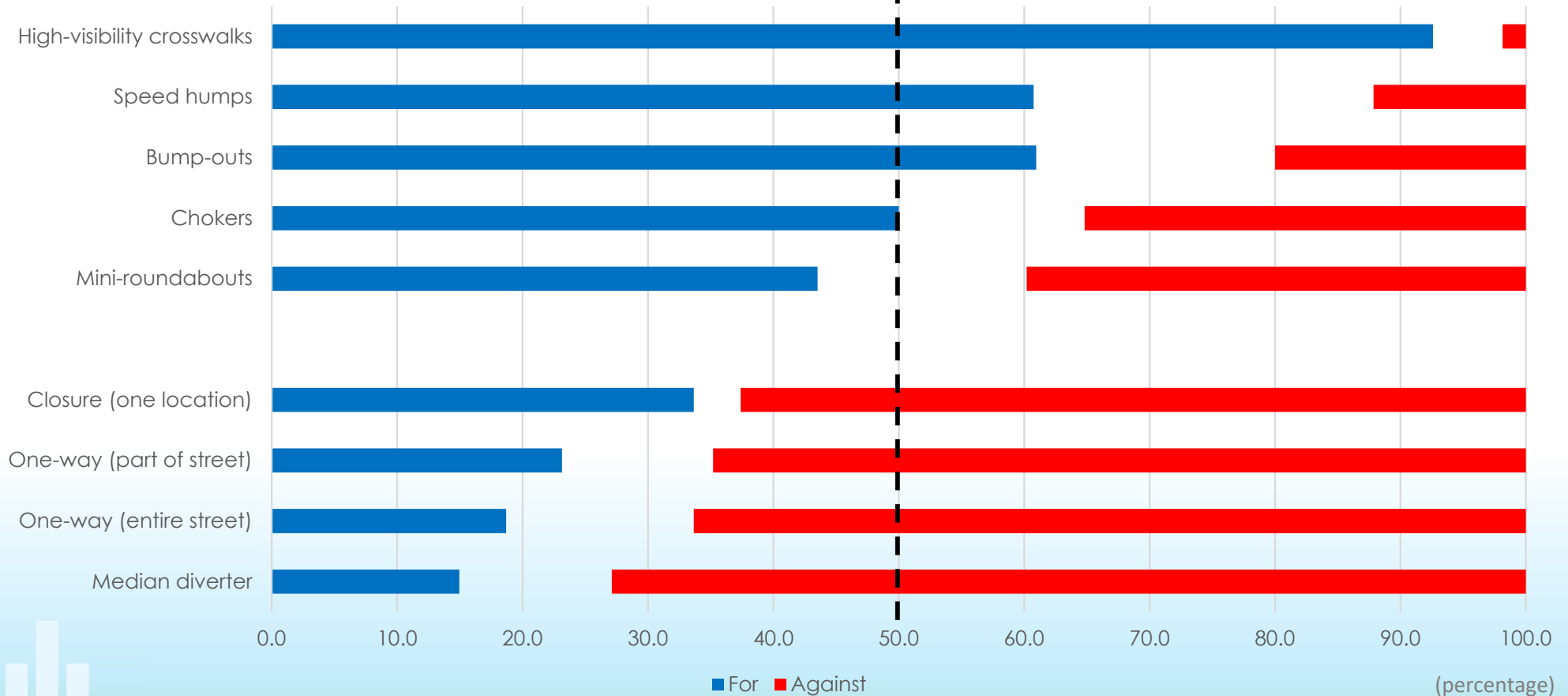




Survey Results – Traffic Calming Preferences

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Traffic Calming Treatment Preferences – During Stage 1





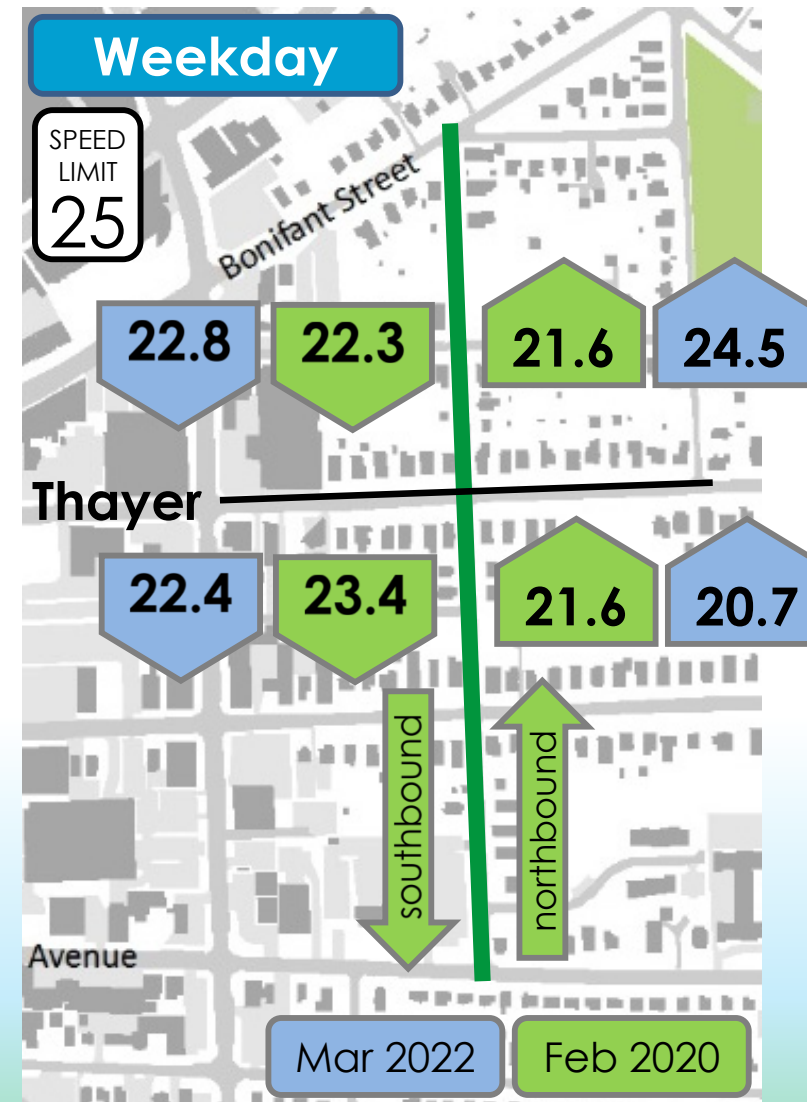
Grove Street 85th Percentile Speeds

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- **Baseline** data (Feb. 2020)
- **Stage 1** data (Mar 2022)
 - Weekdays, 85th percentile speeds **increased** by 1.7%
 - Comparatively, during the **shared street** period, speeds dropped by 19%.

Map shows 85th Percentile Speed

85th percentile speed is the speed at which 85% of cars are travelling at or below. 15% of cars are traveling faster than that speed.





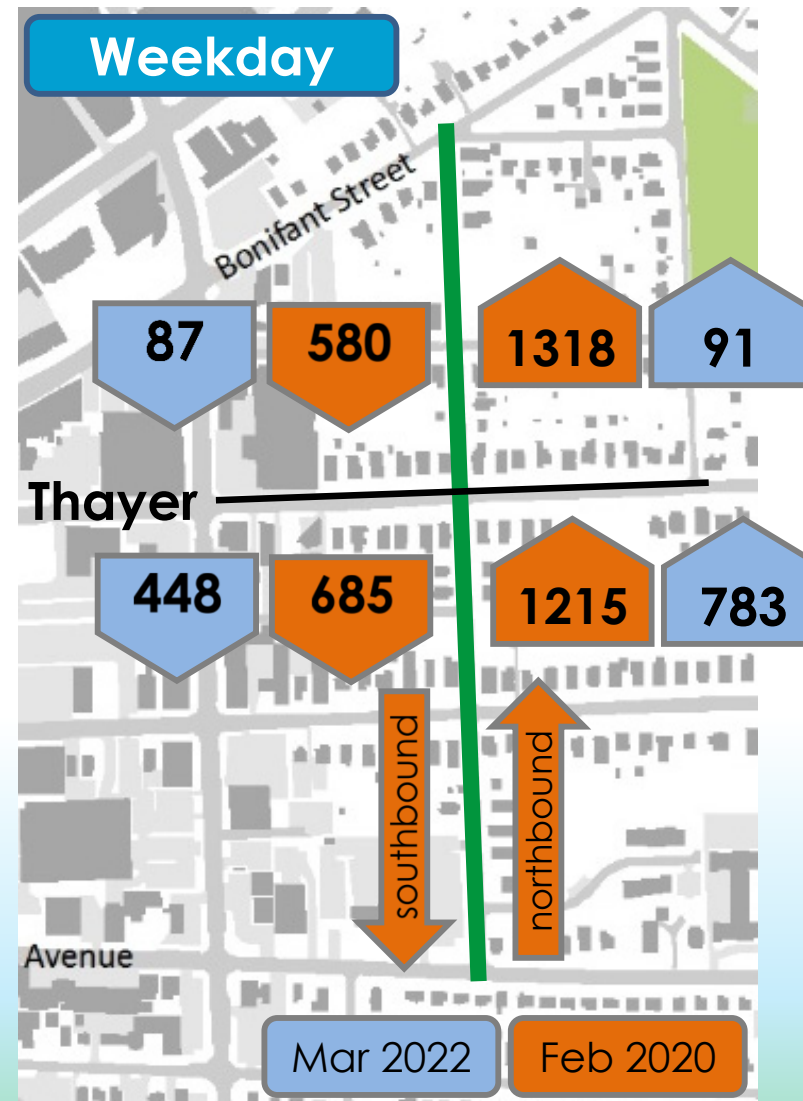
Grove Street Volumes

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- What did **baseline** traffic volumes look like on Grove?
- With the **Stage 1 treatments**, volumes decreased:
 - Weekdays, down by 39%
- To compare, during the shared street, volumes decreased:
 - Weekdays, down by 86%
- Control Location: Sligo Ave
 - During Stage 1: -8%
 - During Shared Street: -23%

Map shows Average Daily Traffic (ADT)

This is the average count of traffic on each segment over a 24-hour period.





Changes on other streets

- How did volumes change on Grove & adjacent streets?
- How to read this map:
 - Arrow points in direction of traffic
 - + and red background indicate an increase in traffic
 - and green background indicate a decrease in traffic
 - The percentage is the difference between February 2020 and March 2022

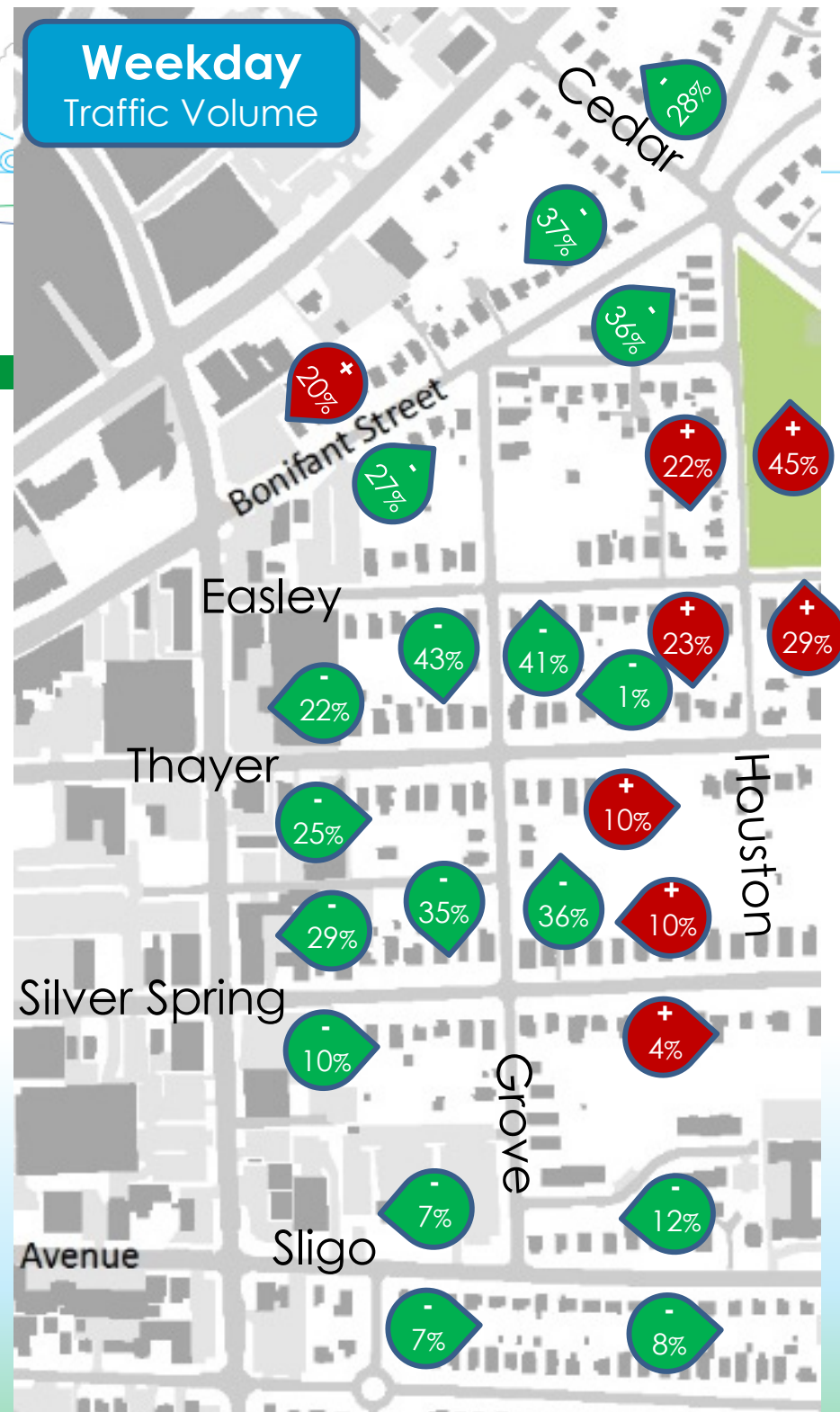
Example 1:
Northbound count location, with a 95% decrease in traffic volume.



Example 2:
Southbound count location, with a 42% increase in traffic volume.



Map shows change in Average Daily Traffic (ADT)
This shows the percentage change in traffic volume from February 2020 to September 2020

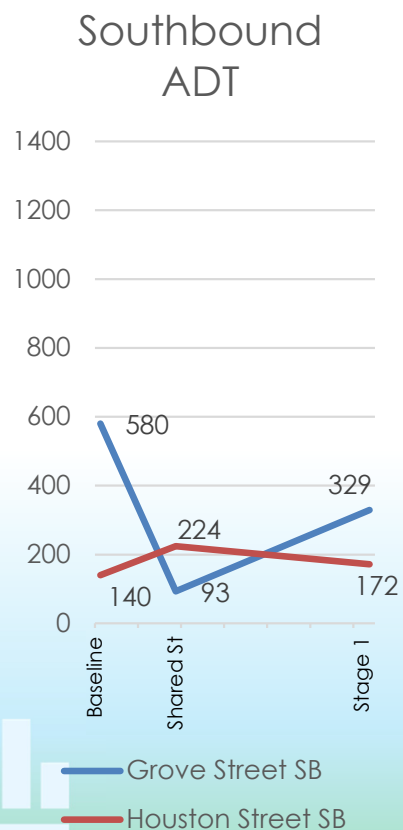




Grove & Houston Counts

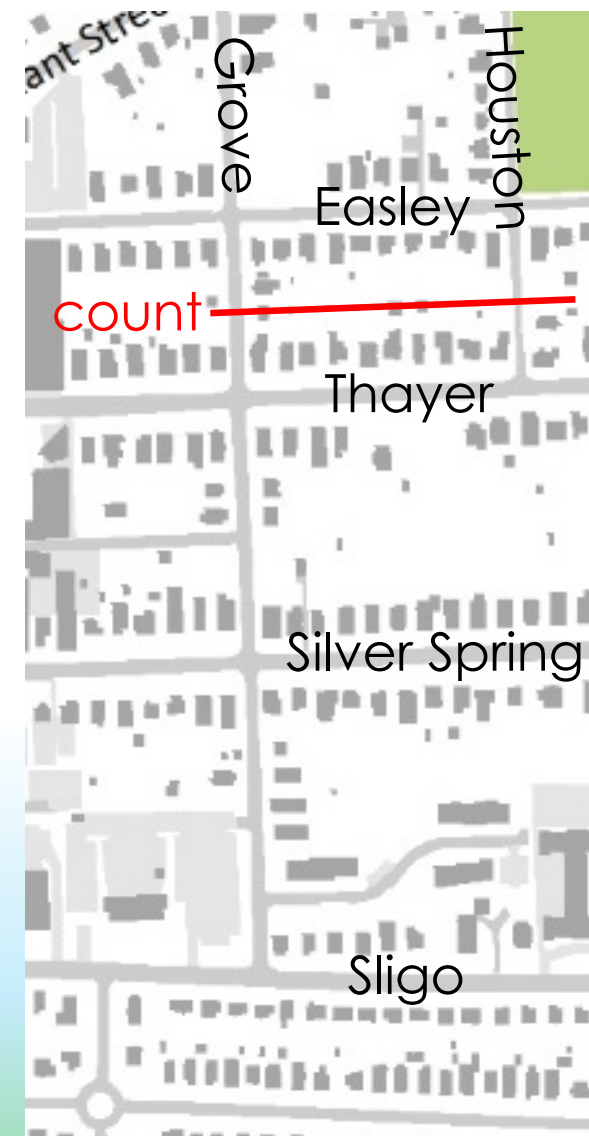
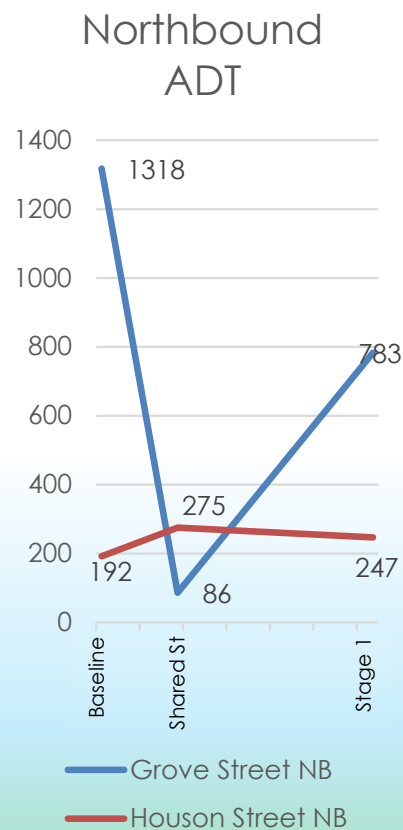
37

- A closer look at volumes on Grove & Houston
 - While traffic volumes dropped on Grove and increased on Houston, it wasn't even.



During the **shared street** period, Grove Street traffic volume dropped significantly. Houston Street traffic increased, but not by as much as the Grove drop.

During **Stage 1**, Grove traffic is still lower than the baseline. Houston Street traffic is slightly higher.





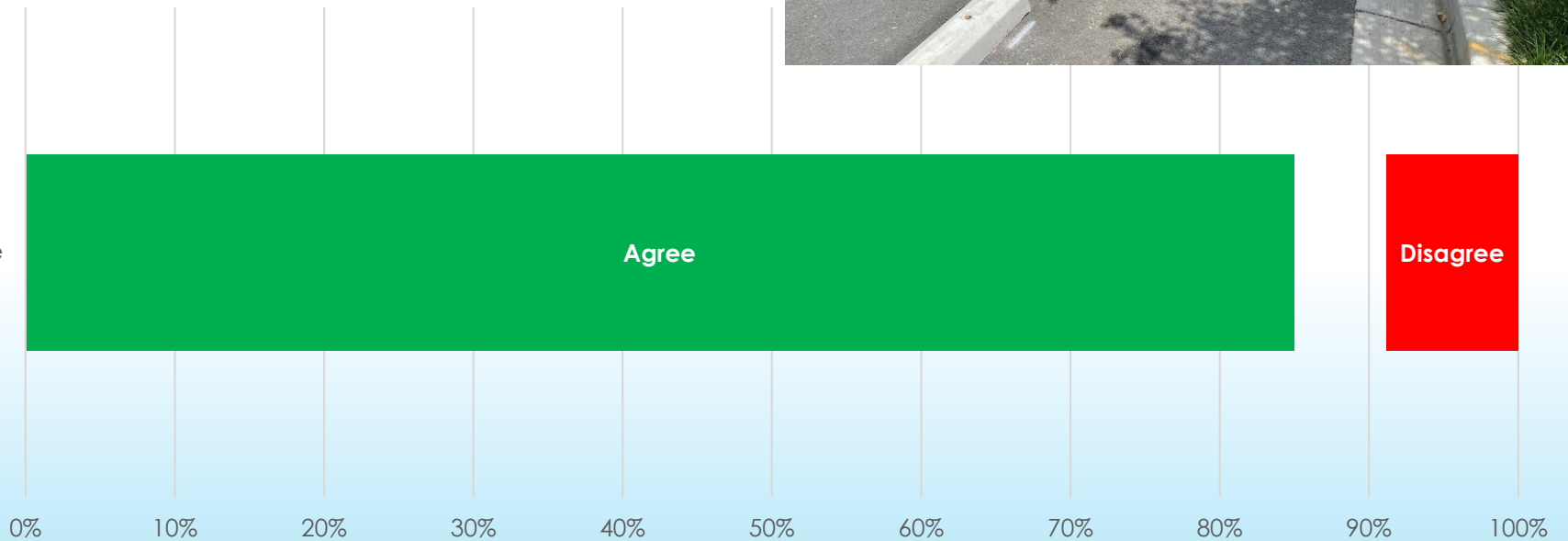
Walking Space

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- The walking lane is very popular.



I like the walking lane



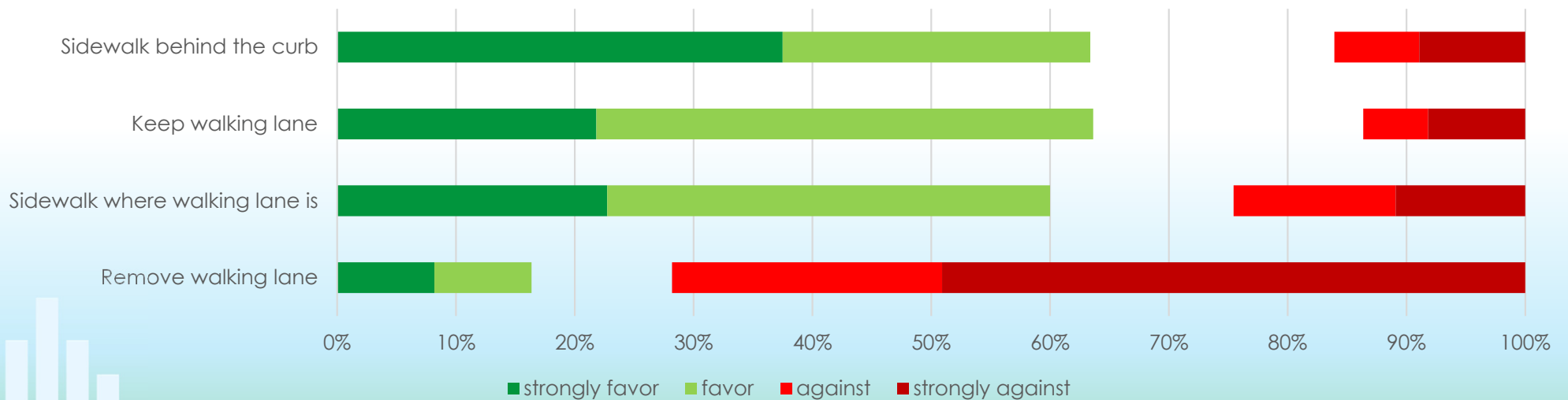


Walking Space

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- Popularity of the walking lane options:
 - All the options that keep a walking space are popular at similar rates.
 - Removing the walking space is very unpopular.

Permanent Walking Space Preferences



Section 4: Next Steps





Next Steps

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- Based on your feedback, our team will work to develop plans.
- We will come to the community in Fall 2023 to present proposed treatments.



Section 5: Public Comment





Public Comment

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- Please be respectful of the other attendees and give others a chance to speak by keeping your comments concise.
- If you are in the room and would like to ask a question or make a comment, please raise your hand.
- If you are on the Zoom, please type your question or comment into the Q&A field.





Public Comment

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- Any comments or questions you have regarding the East Silver Spring Neighborhood Greenway project are welcomed.
- It would be helpful for us to hear your concerns or thoughts on **specific elements** of the pilot.
 - How do you feel about how the **stage 1** treatments are working on Grove Street?
 - What are your preferences for a **permanent walking space**?
 - What **issues** are you seeing on the other streets (Woodbury, Sligo, Bonifant, Cedar, & Houston)?
 - What else do you think we **need to know**?



Public Comment

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Thank you for providing your input.

Please submit comments in writing
by **Friday, June 16, 2023.**

Email is preferred:

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By mail:

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